

**Safety Data Sheet**

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**Description / Properties**

**Product Name:** Charlie Charcoal

Product Use: Horticultural charcoal (wood chip based carbon) for use as a soil amendment product.

Appearance: Dark brown/black crumbs (<5mm – 10mm)  
Odour: No odour

**Hazards Classification:** Not classified as hazardous.  
**Organic Certification:** NASAA 6327M

Boiling Point: Not applicable  
Melting Point: Not applicable  
Vapour Pressure: Not applicable  
Specific Gravity: Not available  
Flash Point: Not available  
Flammability Limits: Not available  
Auto ignition Temperature (°C): >400  
Bulk Density: 563 kg/m<sup>3</sup>  
Solubility: Insoluble  
Chemical Stability: Stable  
pH: 4.9 (in aqueous slurry)

**Risk & Health Hazard Information**

Caution: Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Minimum explosible concentration 0.140 g/L.

Dust may be an irritant on inhalation, or through skin or eye contact.

## Risk &amp; Health Hazard Information - continued from page 1

**Acute Health Effects:**

Swallowed.	Non-toxic. If symptoms develop, seek medical advice.
Eye Contact:	Dust can cause eye redness, watering or eye infection.
Skin Contact:	Contact with skin may cause irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.
Inhaled:	Inhalation may cause irritation, inflammation or sensitisation or infection of nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis.

**Chronic Health Effects:**

There are no known chronic health effects as a result of exposure to horticultural charcoal.

**Emergency and First Aid Procedures****Poisons Information Centre:****13 11 26**

Swallowed:	Wash mouth out with water. Give water to drink. Do not induce vomiting. If abdominal symptoms develop, seek medical attention.
Eye:	If contact with the eye(s) occurs, gently brush the product away. Flush the eye with copious amounts of water taking care not to rinse contaminated water into the non-affected eye. Seek medical attention.
Skin:	Wash skin gently and thoroughly with water and non-abrasive soap. If symptoms develop seek medical attention.
Inhaled:	Remove to fresh air. Have victim blow nose to remove excess dust. Ensure airways are clear. Seek medical attention if symptoms persist.
First Aid Facilities:	Eye wash and normal washroom facilities.

## Emergency and First Aid Procedures - continued from page 2

Advice to Doctor: Treat symptomatically.

### Fire Fighting Measures

Fire Hazards:	This product is non-flammable in normal conditions. May smoulder if exposed to heat over 500°C. Dust may ignite if exposed to an open flame.
Explosion Hazards:	Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Minimum explosible concentration 0.140 g/
Firefighting Measures:	No special firefighting measures. Water needs to be available for quenching. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour.

### Precautions for Use

Conditions to Avoid:	Elevated temperatures and sources of ignition.
Storage:	Store in a cool, dry, well ventilated place out of direct sunlight. Store away from incompatible materials (oxidising agents). Store away from sources of heat and/or ignition. Keep containers closed when not in use.
Incompatible Materials:	Oxidising agents.
Exposure Limits:	There are no exposure limits available (General dust recommended exposure standard should be less than 10mg/m <sup>3</sup> ).

## Precautions for Use - continued from page 3

Engineering Controls:	If dust is airborne remove sources of ignition, and ventilate area. Natural ventilation should be adequate under normal use conditions. Use non-sparking tools and equipment. All work with this product should be carried out with precautions to avoid skin and eye contact and minimize exposure to dust. (Keep product damp while handling.) If there is a risk of inhalation of dust and/or liquid mist (bio-aerosols) wear a suitable particulate respirator meeting the requirements of AS/ANZ1715 and AS/NZS1716.
Eye Protection:	The use of safety glasses with side shield protection or chemical goggles which comply with AS/NZ1336 is recommended.
Hand Protection:	Wearing standard duty or rubber gloves (AS2161) is recommended.
Avoid contact with eyes and skin.	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash contaminated clothing and other protective equipment before storage or re-use.

**Safe Handling Information**

Handling:	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using toilet facilities.
Spilled Material:	Wet down material to suppress dust. Sweep or shovel up spilled material. Seal all waste in labelled containers for subsequent re-use/recycling or disposal, in accordance with local authority guidelines. Wet carbon can deplete oxygen from the air. If using water for dust suppression, avoid confined or non-ventilated spaces.

Safe Handling Information - continued from page 4

Storage and Transport:

Not classified as a Dangerous Good.  
Store in a cool, dry, well-ventilated area out of direct sunlight.  
Avoid generation of dust.  
Store away from sources of heat and/or ignition.  
Store away from oxidising agents.  
Keep containers closed when not in use.

Other Information:

**Seek immediate medical advice if any unexplained illness occurs after gardening.**

Important Notice: This Safety Data Sheet (SDS) is issued by The Green Life Soil Co in accordance with Worksafe Australia guidelines. The information contained therein is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation. No responsibility can be accepted by us for error or omissions. Since we cannot anticipate or control the many different conditions under which this information and our product may be used, each user should review these recommendations in the specific context of the intended application and undertake your own risk assessment in relation to your method of handling and proposed use of this product. The Green Life Soil Co accepts no liability whatsoever for damage or injury caused from the use of this information or of suggestions contained therein.

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